Doepke

Compliant and safe
The new ISΩ HD

DFS ISΩ HD —— compliant residual current protection
———————— insulation measurement without disconnecting
———————— saves a lot of time during measurement
———————— no corruption of measured values by the electronics

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Use electricity safely on construction sites: robust and compliant

DIN VDE 0100-600 defines the requirements for initial and recurrent testing of electrical installations, as well as measurement of insulation resistance. Test results document the proper condition of an installation and the associated electric equipment. Failure to carry out an inspection can have serious consequences in the event of damage.

With the new ISΩ HD design from Doepke, there is now an AC-DC sensitive residual current circuit-breaker that is compliant with the standard. Insulation testing can therefore be carried out without prior disconnection.

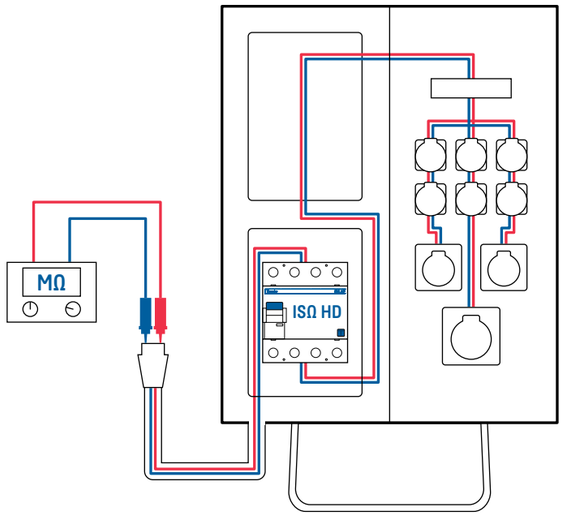
No corruption of measured values by the electronics

The AC-DC sensitive residual current circuit-breaker in the new ISΩ HD design has been conceived in such a way that, with a measured DC voltage of up to 1000 V, an insulation measurement can be taken through the circuit-breaker without the measured values being falsified by the integrated electronics.

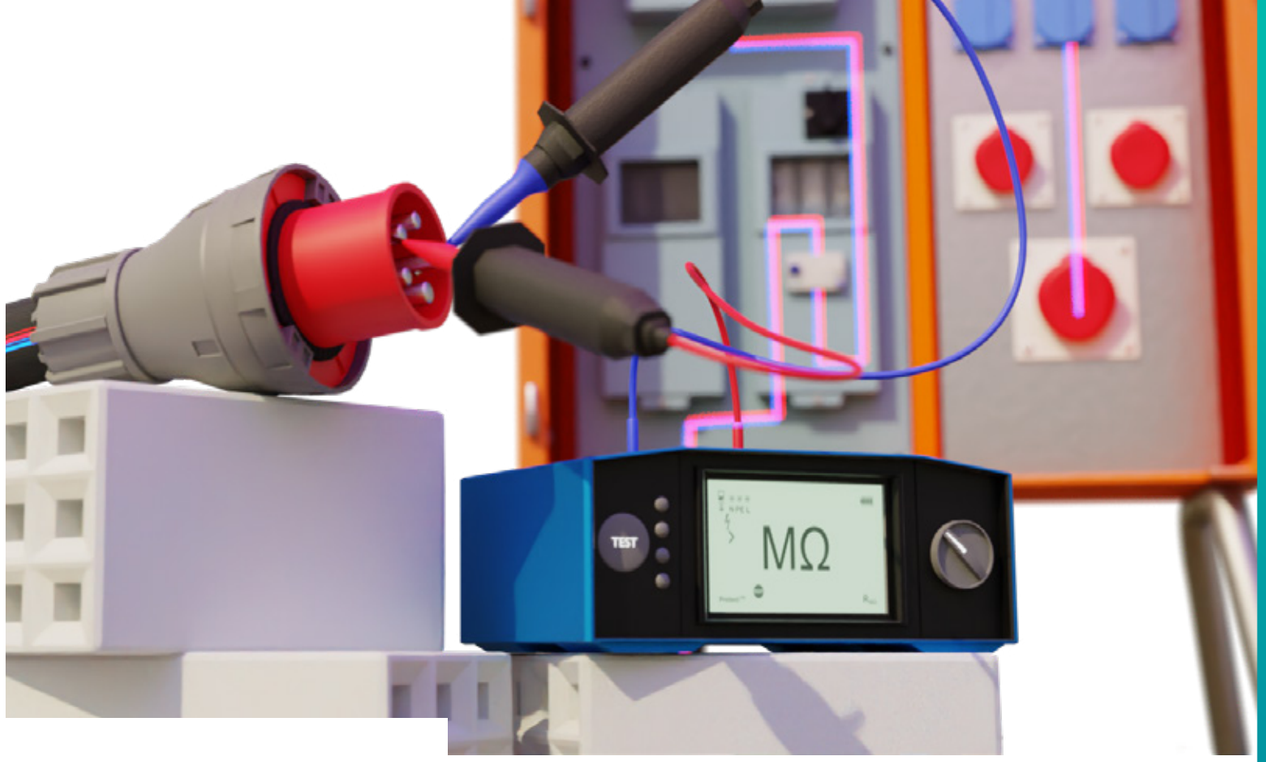
Saves a lot of time during insulation measurement

The ISΩ HD no longer needs to be disconnected before the insulation measurement. This in itself considerably reduces the overall effort required. However, the actual testing time is also reduced. With building-site distribution boards, for example, it is possible to take measurements from the connection point, through the box, up to the last socket in a single step. The supply side and the system side no longer need to be measured separately.

New!
With the ISΩ HD, you no longer need to disconnect.



With power disconnected, the DFS ISΩ HD is switched on,
in order to access the system during insulation measurement with the test voltage.



No mechanical stress due to repeated disconnection

Repeated tightening and loosening has an impact on screws and terminals. As there is no need to disconnect during the recurrent insulation measurements, this prevents excessive wear on the terminal screws.

HD (heavy duty) – for harsh environmental conditions

- will function reliably over the long term
- protected especially well – including in the de-energised state
- resistant to:

frost · heat · dust · moisture · corrosive gases

Residual current circuit-breaker Type B SK ISΩ HD

Type B SK ISΩ HD, four-pole, neutral conductor on the left (residual current protection up to 150 kHz)

In (A)	description	IΔn	item number
40	DFS 4 040-4/0.03-B SK ISO HD	30 mA	09 134 848HD
40	DFS 4 040-4/0.30-B SK ISO HD	300 mA	09 136 848HD
63	DFS 4 063-4/0.03-B SK ISO HD	30 mA	09 144 848HD
63	DFS 4 063-4/0.30-B SK ISO HD	300 mA	09 146 848HD
63	DFS 4 063-4/0.50-B SK ISO HD	500 mA	09 147 848HD

Type B SK ISΩ HD, four-pole, neutral conductor on the right (residual current protection up to 150 kHz)

In (A)	description	IΔn	item number
40	DFS 4 040-4/0.03-B SK R ISO HD	30 mA	09 134 849HD
40	DFS 4 040-4/0.30-B SK R ISO HD	300 mA	09 136 849HD
63	DFS 4 063-4/0.03-B SK R ISO HD	30 mA	09 144 849HD
63	DFS 4 063-4/0.30-B SK R ISO HD	300 mA	09 146 849HD
63	DFS 4 063-4/0.50-B SK R ISO HD	500 mA	09 147 849HD

PREMIUM MARKEN Partner

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